

Abstract of disclosure

The ultrasonic probe (1) is provided for a stereoscopic image forming system, which relates to a raster-like recording of data and its electronic processing. The probe includes groups (12) of sound transducers (11), which are arranged inside an elastomeric envelope (10) on a cylindrical carrier, rotatable around a longitudinal axis. The carrier is made up of at least two segments (3, 4). The segments are tiltable relative to one another through a tilting angle, and what is more about a tilting axis, which lies transversely to the longitudinal axis and preferably eccentrically to it. There is a stable positional state, in which the segments adopt a position with alignment in the direction of the longitudinal axis under the influence of a dynamic and/or static resetting force.